

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the instant application:

Listing of Claims:

1. (Previously amended) A method for presenting data on a user device comprising:

receiving a request from said user device for said data, wherein said request includes at least a description of said data and information identifying presentation requirements of said user device;

identifying said presentation requirements of said user device based on said information present in said request; and

selecting a presentation scheme specific to said user device for said data from a plurality of presentation schemes in accordance with said presentation requirements, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said data into new data for presentation on a user device associated with said each presentation scheme, and further wherein upon application of said presentation scheme to said data, new data presentable on said user device is generated.

2. (Previously amended) The method of Claim 1, further comprising:

applying said presentation scheme to said data to create said new data.

3. (Original) The method of Claim 2, wherein said applying said presentation scheme to said data is performed by said user device.

4. (Previously amended) The method of Claim 2, further comprising:

transmitting said new data to said user device to allow the presentation of said new data on said user device.

5. (Previously amended) The method of Claim 1, further comprising retrieving said data.

6. (Previously amended) The method of Claim 5, further comprising:

applying said presentation scheme to said retrieved data to create said new data.

7. (Previously amended) The method of Claim 1, wherein said request includes a command.

8. (Previously amended) The method of Claim 7, wherein said command is selected from a group of commands consisting of load, save, article, and channel.

9. (Previously amended) The method of Claim 7, wherein said command is a command article.

10. (Previously amended) The method of Claim 7, wherein said command is a command channel.

11. (Previously amended) A method for providing data to a user device comprising:

receiving a request from a user device generated by selection of a portlet identification object on said user device, wherein said request includes at least a

description of said data and information identifying presentation requirements of said user device;

transferring said request to a portlet wherein said portlet retrieves data specified in said request over a network and further wherein said data has one format in a plurality of source data formats;

analyzing said request to determine a user data format that is supported by said user device based on said information present in said request;

selecting a presentation scheme specific to said user device from a plurality of presentation schemes to convert said data from said source data format to said user data format, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said data into new data for presentation on a user device associated with said each presentation scheme; and

converting said data from said source data format to said user data format using said presentation scheme.

12. (Previously amended) The method of Claim 11, wherein said selecting a presentation scheme comprises selecting an XSL-style sheet.

13. (Previously amended) The method of Claim 11, wherein said plurality of source data formats are MIME types.

14. (Previously amended) The method of Claim 11, wherein said user data format is specified by a MIME type.

15. (Previously amended) The method of Claim 11, wherein said receiving is performed by a web server.

16. (Previously amended) The method of Claim 11, wherein said transferring said request is performed by a portlet manager.

17. (Previously amended) The method of Claim 11, wherein said request includes a command.

18. (Previously amended) The method of Claim 17, wherein said command is selected from a group of commands consisting of load, save, article, and channel.

19. (Previously amended) The method of Claim 17, wherein said command is a command article.

20. (Previously amended) The method of Claim 17, wherein said command is a command channel.

21. (Previously amended) A method for providing data to a user device comprising:

receiving a request from a user device generated by selection of a portlet identification object on the user device by a web server, wherein said request includes at least a description of said data and information identifying presentation requirements of said user device;

analyzing said request by said web server to determine whether said request is for content associated with a portlet;

transferring said request to a presentation manager upon determining that said request is for said content associated with a portlet;

passing said request to said portlet by said presentation manager wherein said portlet retrieves data specified in said request over a network and further wherein said data has a source MIME type;

analyzing said information present in said request to identify a user MIME type;

selecting a presentation scheme specific to said user device from a plurality of presentation schemes based upon said user MIME type and said source MIME type, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said data into new data for presentation of a user device associated with said each presentation scheme; and

converting said data from said source MIME type to said user MIME type using said presentation scheme.

22. (Previously amended) The method of Claim 21, wherein said selecting a presentation scheme comprises selecting an XSL-style sheet.

23. (Previously amended) The method of Claim 21, wherein said request includes a command.

24. (Previously amended) The method of Claim 23, wherein said command is selected from a group of commands consisting of load, save, article, and channel.

25. (Previously amended) The method of Claim 21, wherein said command is a command article.

26. (Previously amended) The method of Claim 21, wherein said command is a command channel.

27. (Currently amended) A presentation manager server system comprising:

a web server;

a presentation manager coupled to said web server,
said presentation manager further comprising:

an identifying module for identifying presentation requirements of a user device from information included in a request, wherein said request includes at least a description of said data and information identifying presentation requirements of said user device;

a storage medium having stored thereon a plurality of presentation schemes, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract data from a first format and transform said data into new data for presentation on a user device associated with said each presentation scheme; and

at least one portlet coupled to said presentation manager.

28. (Previously amended) The presentation manager server system of Claim 27, wherein said at least one portlet comprises a mail portlet.

29. (Previously amended) The presentation manager server system of Claim 27, wherein said at least one portlet comprises a resource description framework portlet.

30. (Previously amended) The presentation manager server system of Claim 27, wherein said at least one portlet comprises an internal network information portlet.

31. (Canceled)

32. (Previously amended) The presentation manager server system of Claim 27, wherein said web server comprises a servlet container.

33. (Previously amended) The presentation manager server system of Claim 27, wherein said presentation manager comprises a servlet.

34. (Previously amended) The presentation manager server system of Claim 27, further comprising a plurality of user devices coupled to said web server.

35. (Previously amended) A computer program product having stored thereon computer instructions for a method comprising:

receiving a request from a user device for data, wherein said request includes at least a description of said data and information identifying presentation requirements of said user device;

identifying said presentation requirements of said user device based on said information present in said request; and

selecting a presentation scheme for said data specific to said user device from a plurality of presentation schemes in accordance with said presentation requirements, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said data into new data for presentation on a user device associated with said each presentation scheme, and

further wherein upon application of said presentation scheme to said data, new data presentable on said user device is generated.

36. (Previously amended) A computer program product having stored thereon computer instructions for a method comprising:

receiving a request from a user device generated by selection of a portlet identification object on said user device, wherein said request includes at least a description of said data and information identifying presentation requirements of said user device;

transferring said request to a portlet wherein said portlet retrieves data specified in said request over a network and further wherein said data has one format in a plurality of source data formats;

analyzing said information present in said request to determine a user data format that is supported by said user device;

selecting a presentation scheme specific to said user device from a plurality of presentation schemes to convert said data from said source data format to said user data format, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said data into new data for presentation on a user device associated with said each presentation scheme; and

converting said data from said source data format to said user data format using said presentation scheme.

37. (Previously amended) A computer program product having stored thereon computer instructions for a method comprising:

receiving a request from a user device generated by selection of a portlet identification object on the user device by a web server, wherein said request includes at least a description of said data and information identifying presentation requirements of said user device;

analyzing said request by said web server to determine whether said request is for content associated with a portlet;

transferring said request to a presentation manager upon determining that said request is for said content associated with a portlet;

passing said request to said portlet by said presentation manager wherein said portlet retrieves data specified in said request over a network and further wherein said data has a source MIME type;

analyzing said information present in said request to identify a user MIME type;

selecting a presentation scheme specific to said user device from a plurality of presentation schemes based upon said user MIME type and said source MIME type, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said data into new data for presentation on a user device associated with said each presentation scheme; and

converting said data from said source MIME type to said user MIME type using said presentation scheme.

38. (Previously amended) The method of Claim 21, further comprising:

transmitting said data converted from said source MIME type to said user MIME type to said user device to allow the presentation of said data converted from said source MIME type to said user MIME type on said user device.

39. (Previously amended) The computer program product of Claim 36, the method further comprising:

transmitting said data converted from said source data format to said user data format to said user device to allow the presentation of said data converted from said

source data format to said user data format on said user device.

40. (Previously amended) The computer program product of Claim 37, the method further comprising:

transmitting said data converted from said source MIME type to said user MIME type to said user device to allow the presentation of said data converted from said source MIME type to said user MIME type on said user device.

41. (Previously amended) A method for presenting data on a user device comprising:

receiving a request from a user device to retrieve content associated with a portlet identifier, wherein said request includes at least a description of said content and information identifying presentation requirements of said user device, said request generated by selection of said portlet identifier from a plurality of portlet identifiers displayed on said user device, each of said portlet identifiers representing a different portlet;

transferring said request to a portlet represented by said portlet identifier wherein said portlet retrieves said content over a network;

identifying said presentation requirements of said user device based on said information present in said request;

selecting a presentation scheme specific to said user device from a plurality of presentation schemes for said content in accordance with said presentation requirements of said user device, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said data into new data for

presentation on a user device associated with said each presentation scheme;

applying said presentation scheme to said content to create said presentable content; and

transmitting said presentable content to said user device.

42. (Canceled)

43. (Previously amended) The method of Claim 41, wherein said user device includes a user interface having an associated user device interface format, and

further wherein said content is not in said associated user device interface format.

44. (Previously amended) The method of Claim 41, wherein each of said portlet identifiers is associated with a specific source of content.

45. (Currently amended) A method for presenting data on a user device comprising:

receiving a first request from said user device to retrieve content, said first request not being addressed to a specific portlet;

sending a list of available information sources to said user device in response to said first request, each of said available information sources on said list being associated with a specific portlet;

receiving a second request from said user device to retrieve content, said second request generated by selection of one of said available information sources on said list;

transferring said second request to said specific portlet wherein said specific portlet retrieves said content;

identifying presentation requirements of said user device based on information included in at least one of said first request and said second request;

selecting a presentation scheme specific to said user device from a plurality of presentation schemes in accordance with said presentation requirements for said content, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said data into new data for presentation on a user device associated with said each presentation scheme;

applying said presentation scheme to said content to create presentable content; and

transmitting said presentable content to said user device.

46. (Previously amended) A method for presenting data on a user device comprising:

receiving a request from said user device for said data, wherein said request includes at least a description of said data and information identifying presentation requirements of said user device;

retrieving said data;

identifying said presentation requirements of said user device based on said information present in said request;

selecting a presentation scheme specific to said user device for said data from a plurality of presentation schemes in accordance with said presentation requirements, wherein each presentation scheme in said plurality of presentation schemes is for a user device and is the totality of the configuration information needed to extract said data from a first format and transform said

data into new data for presentation on a user device associated with said each presentation scheme, and

further wherein upon application of said presentation scheme to said data, new data presentable on said user device is generated; and

applying said presentation scheme to said data to create said new data.